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Accessories

Screws, clips, speakers, battery holders, cables, wires, and other assorted useful parts.

Software Defined Radio (SDR) Kit
- Contains all the parts needed to construct a complete software radio station with a Xilinx ML605 & an Analog Devices FMCOMMS1 board (boards sold seperately)
- Kit includes:
  - 2 plexiglass covers
  - cooling fan
  - mounting hardware
  - 2 antennae

USB A to B cable
- Nearly 5 feet in length
- **Part# 250-059**

USB A to mini B cable
- Nearly 5 feet in length
- **Part# 310-054P**

USB A to micro B cable
- Nearly 5 feet in length
- **Part# 310-053P**

IR Range Sensor
- Measuring range: 10-80 cm
- Current consumption: 30mA typical
- Supply voltage: 4.5 - 5.5 V
- Includes 10" 3-wire cable

BNC Oscilloscope Probes (pair)
- BNC-terminated
- Selectable 1X/10X input attenuation
- Contraction hook tip
- 12cm ground clip
- Localization sleeve adapts to IC testing

Mini "Grabber" test hooks
- Lightweight and durable construction
- Two signal connection points for Discovery signal wires
- Six colors coordinated to Discovery signal wire colors
- Able to grasp conductors up to 1.27mm in diameter

IR Proximity Sensor (2-pack)
- Fairchild QRB1134 Phototransistor Reflective Object Sensor
- Ideal for use with the PmodLS1
- **Part# 240-012**

40-pin DIP Socket
- Perfect for our C-MOD or anything in the 2x20-pin DIP package
- Current rating: 1Amp
- Contact resistance: 20mΩ max
- Note: This product has pins for through-hole mounting and is not suitable for surface mounting.
- **Part# 163-053**

Desktop Switching Power Supply
- 5VDC Switching Power Supply, 4000mA
- Suitable for use with the Virtex-II Pro (V2-Pro)
- US, EU, UK Plug options available

5V 4000mA Switching Power Supply
- 5VDC switching supply, with 4000mA current
- Comes with US and EU plug adapters
- For use with Digilent FPGA & Microcontroller boards
- **Part# 240-030**

5V 2.5A Switching Power Supply
- 5V, 2.5A Switching Power Supply
- Suitable for use with the ZYBO™ FPGA board.
- **Part# 300-031P**

Heatsink w/ Clip
- Self-adhesive backing with clip for easy installation and removal
- Measures 35mm X 35mm X 10mm
- Perfect for the Virtex-5 board
- **Part# 6003-170-003**

Pmod Clip
- Useful for securely attaching a Pmod to your project or application
- Works with any Pmod 0.80" in width
- Can also accomodate a Cerebot Nano
- Ships with 8-32 nut & screw
- **Part# 240-107**

Standoffs
- Contains:
  - 4 hexagonal standoffs (6-32 x 0.375)
  - 4 machine screws (6-32 x 0.250)
  - 4 nylon washers
- **Part# 240-020**

Speaker
- Nominal Impedance 4 Ohms at 1V (1000Hz)
- Frequency Bandwidth 880Hz to 10kHZ
- Max power input 5W
- **Part# 310-027**

512Mbytes DDR DRAM
- 512Mbytes of fast DDR DRAM

- Can be used with the XUPV2P board
- **Part# D350-000**

256Mbytes DDR DRAM
- 256Mbytes of fast DDR DRAM
- Can be used with the XUPV2P board
- **Part# 350-001**

Battery Holder (4 x AA)
- Holds four AA cells
- Header connector for easy connection to many Digilent boards
- Polycarbonate construction
- **Part# 163-165**

Battery Holder (2 x AA)
- Holds two AA cells
- Header connector for easy connection to many Digilent boards
- Polycarbonate construction
- **Part# 163-043**

Solderless Breadboard Kit - Small
- Convenient breadboard for constructing small-to-medium circuits
- Self-adhesive backing - can be affixed to any surface
- 1x 630 tie point terminal strip
- 1x 100 tie point distribution strip
- 1.75 x 4.5 inches
- **Part# 340-015**

Solderless Breadboard Kit - Large
- Large breadboard with rugged steel backing
- 3x 630 tie point terminal strips
- 5x 100 tie point distribution strips
- Four screw terminals for power supply connections
- 5 adhesive rubber feet
- **Part# 340-002P**

Analog Parts Kit
- Large selection of components designed to create a wide variety of useful experiments & devices
- Includes transistors, resistors, capacitors, diodes, sensors, and more
- Also includes a variety of useful ICs like Op Amps, convertors, and regulators
- Comes with an assortment of lead wires, a solderless breadboard, and a screwdiver
- **This kit can also be bundled with an Analog Discovery for $20 off!**

Wire Kit
- 140 pieces of pre-trimmed .22ga jumper wires, in various lengths and colors
- Contained in hard plastic box
- **Part# 310-001**
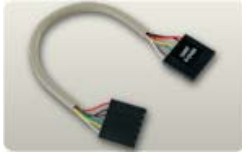
XUP Fly Wire Assembly
- For use with the XUP USB-JTAG Programming Cable (above)
- Breaks out each of the six JTAG signals to individual female headers, the signal name printed on each wire
- Allows for use of the Programming Cable with boards utilizing different JTAG connectors.
- **Part# 250-041**

USB to Serial Adapter Cable
- Plugs into any USB port and provides a serial connection
- Allows newer PCs without their own serial ports to program serial-only system boards

• **Part# 310-035P**

UART Crossover Cable
• 6", 6-pin crossover cable
• Connects newer UART-interface Pmods (PmodBT) to older microcontroller boards (Cerebot 2, Cerebot 32MX4, etc.)
• Connects older UART-interface Pmods (PmodCLS, PmodRS232, etc.) to newer microcontroller boards (Coming soon)
• For more information on where / how to use this cable, please see this document.
• **Part# 250-047**

VHDCI Male-to-Male Cable
• VHDCI male connector on both ends
• 16" in length
• Useful for connecting Vmods to VHDCI-equipped system boards (Genesys, Atlys, ...)
• **Part# 250-045P**

HDMI Cable (Type A to Type A)
• 40" in length
• **Part# 240-053P**

HDMI Cable (Type A to Type D micro)
• 40" in length
• **Part# 310-051P**

6 Pin Cable Connector
• available in lengths of 6", 12", and 18"
• designed for use with Digilent peripheral modules
• can be used to send FPGA signals to an outside device
• 6-pin connectors are standard 100mil spaced 25mil square connectors
• allow signals to be routed to and from an FPGA on a Digilent system board
• **Part# 310-009 / 310-034 / 310-010**

2x6 Pin Cable
• Designed to connect a 12-pin Pmod to a 12-pin system board connector
• Can be used to send Digilent System board signals to and from outside devices
• Uses standard 100mil-spaced 25mil square connectors
• 7" (18mm) in length
• **Part# 250-032P**

2x6 Pin to Dual 6 Pin Cable
• Designed for use with Digilent Peripheral Modules that have 2x6 pin connectors
• Designed to connect two 6-pin system board connectors to a 12-pin Pmod connector, or to connect a 12-pin system board connector to two 6-pin Pmod connectors
• Uses standard 100mil-spaced 25mil square connectors
• 7" (18mm) in length
• **Part# 250-030**

6Pin Header & Gender Changer
• Changes gender for any 6 pin female header, female to male
• Connects any 2 digilent 6 pin cables together
• Provides easy access for test and measurement
• Ships in pack of 5
• **Part# 240-004**

PICkit3 Programming Cable Kit
• For connecting a chipKIT™ board to Microchip's® PICkit3 debugger/programmer.

- Includes a 6" 6-pin cable, a 6-pin gender changer, and a 6-pin right angle male header.
- **Part# 240-035**

2x6 Pin Header

- Acts as a female-to-male gender changer for a 2x6 pin female header or cable
- Can connect any two Digilent 2x6 pin cables together
- Provides easy access for test and measurement
- Ships in pack of 5
- **Part# 240-062P**

VHDCI Connector

- 2x34 pins, male
- Right angle type for through-hole mounting
- Part #: R-HI-008068-2
- **Part# 163-433P**

Hirose FX2 Socket Connector

- Right angle type for through-hole mounting
- Hirose part# FX2-100S-1.27DS
- **Part# 163-062**

Cat 5E Ethernet Cable

- Standard RJ-45 connectors
- 10' Category 5E ethernet cable
- **Part# 310-011**

Coax Power Cable

- 2.1mm female power connector for use with Digilent power supplies
- Useful for any Digilent product that can accept power from an outside source
- **Part# 310-024**

6 Pin MTE Cable

- Provides the option to separate 6 signals using MTE connectors
- 6-pin connectors are standard 100mil spaced 25mil square connectors
- Can be used with any Digilent board
- Ideal for testing and verification
- **Part# 310-014P**

4-Pin MTE Cable

- 9" in length
- Can be used with any Digilent board
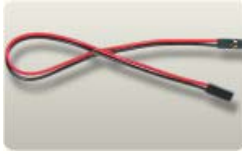- Ideal for testing and verification
- **Part# 250-060**

4-pin to 2x2-pin MTE Cable

- 9" in length
- Can be used with any Digilent board
- Ideal for testing and verification
- **Part# 240-021-4P**

2 Pin MTE Cable

- available in lengths of 9" and 18"

- Ships in pack of 5
- Can be used with any Digilent board
- Ideal for testing and verification
- **Part# 240-006 / 240-007**

1 Pin MTE Cable

- 6" in length
- Ships in pack of 5
- Can be used with any Digilent board
- Ideal for testing and verification
- **Part# 240-005**

2 Pin MTE Power Cable

- Provide power to battery connection on a Digilent Board
- Provides access to any 2 signals that are tied to any 100mil spaced pins
- **Part# 310-025P**

Protective covers for your XUPV2P board.

- Protects both sides of the V2P board
- Made from durable plexiglas
- Covers have cutouts for all connectors, buttons, and switches
- **Part# 6003-170-002**

European/UK wall plug adapter

- convienent way to switch from US wall plug to European or UK wall plugs
- simple snap-on design
- used with Digilent Inc.'s switching power supplies
- US to European wall plug adapter
- US to UK wall plug adapter
- **Part# 300-008 / 300-009**